User Manual

ATLONA

COMPOSITE VIDEO (BNC) + STEREO AUDIO TO HDMI VIDEO FORMAT CONVERTER AND SCALER

AT-HD120

TABLE OF CONTENTS

1. Introduction 3
2. Package Contents 3
3. Features 3
4. Specification 3
5. Panel Description 4
   5.1. Front Panel 4
   5.2. Rear Panel 4
6. Connection and Operation 5
7. Atlona Product Registration 5
8. Safety Information 6
9. Warranty 7

INTRODUCTION

The Atlona AT-HD120 easily converts and scales a composite video (BNC) signal from a DVD, VCR or camcorder to an HD display. It supports resolutions up to 1080p and 1600 X 1200 (UXGA). The Atlona AT-HD120 also supports the conversion from NTSC to PAL or PAL to NTSC.

PACKAGE CONTENTS

- 1 x Atlona AT-HD120 (composite video (BNC) + Stereo Audio to HDMI video converter)
- 1 x 5V power supply
- 1 x instruction manual
- 1 x BNC to RCA adaptor

FEATURES

- Converts composite video (BNC) signal from sources such as a VCR or DVD to an HD display.
- Built in video scaler which will auto-detect the highest supported resolution **1024 X 768 (XGA), 1280 X 1024 (SXGA) 1600 X 1200 (UXGA), 480p, 720p, 1080p** and adjust the video output to match.
- Compatible with NTSC or PAL video systems.
- Plug and Play, no software required.
- Locking BNC input for a more reliable connection.
- On screen control for resolution options.
- Selectable output for PC or HDTV display .
- Combines the composite video/stereo audio signal and outputs both through a single HDMI cable.

SPECIFICATIONS

Inputs	1 x Composite Video (BNC), 1 x 1/8 inch stereo audio (3.5mm)
Outputs	1 x HDMI (Type A Female)
Output Resolution	1024 X 768 (XGA), 1280 X 1024 (SXGA), 1600 X 1200 (UXGA) c**omputer display output only supports 60hz** and 480p, 576p (**50hz only**), 720p, 1080p HDTV 50/60hz compatible
Power Supply	5V DC (universal 110/220V)
Dimensions (W x D x H)	3.09” x 5.16” x 1.18” (78.5 x 131 x 30mm)
Weight	0.44LB (200g)
Operating Temperature	32ºF to 104ºF (0ºC to +40ºC)

PANEL DESCRIPTION

5.1. Front Panel

1. Resolution select: Press and release the grey button repeatedly to select the highest resolution your display monitor will accept.
Your options are computer display 1024 X 768 (XGA), 1280 x 1024 (SXGA) 1600 X 1200 (UXGA) 60hz only and 480p, 576p (50hz only), 720p, 1080p 50/60hz for HDTV.
2. PC/HD Select: select PC mode if connected to a computer monitor; if connected to an HDTV or projector select HD mode.
3. HDMI out: Connect the HDMI output port of the AT-HD120 to the HDMI input port of your display monitor. You will need a male to male (type A) HDMI cable for this connection.

5.2. Rear Panel

1. Composite video (BNC) in: Connect the input port of the AT-HD120 to the output port of a source such as a VCR or DVD. Use the included BNC to RCA adaptor when using a cable with an RCA connector.
2. Stereo Audio 1/8 inch (3.5mm): Connect the input port of the AT-HD120 to the output of a source such as a VCR or DVD. You will need a 1/8 (3.5mm) stereo audio to L/R RCA connector cable.
3. Power: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet. Green light is on when connected.

CONNECTION AND OPERATION

1. Connect the output of a composite video source such as a VCR, DVD or camcorder to the video (BNC) input of the AT-HD120
2. Connect an HDMI cable from the AT-HD120 output to the input of an HD display
3. Connect the supplied power supply to the AT-HD120 and into an A/C wall receptacle
4. If connected to a computer monitor select PC mode from the dip switch on the AT-HD120. If connected to an HDTV or projector select HD mode.
5. Pressing the resolution button repeatedly will cycle through all available resolutions. If power to the device is lost the resolution selection will be retained in memory.

ATLONA PRODUCT REGISTRATION

Thank you for purchasing this Atlona product — we hope you'll enjoy it.

We also hope that you'll take a few moments to register your new purchase. Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy and assure you that your registration information is completely secure. Of course, Atlona product registration is totally voluntary and failure to register will not diminish your limited warranty rights.

To register go to **www.atlona.com/registration**

SAFETY INFORMATION

Safeguards

To reduce the risk of electric shock, do not expose this product to rain or moisture.

If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.

Do not modify the wall plug.
Doing so will void the warranty and safety features.

This equipment should be installed near the socket outlet and the device should be easily accessible in case it requires disconnection.

Precautions

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product or cause fires.

In the event of an electrostatic discharge, this device may automatically turn off. If this occurs, unplug the device, and plug it back in.

Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins, or cord exit points from this product.

Avoid excessive humidity, sudden temperature changes or temperature extremes.

Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements and swimming pools.

Use only accessories recommended by ATLONA to avoid fire, shock or other hazards.

Unplug the product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.

Never open or remove unit panels or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-HD120. Opening the product will void the warranty.

Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.

1. LIMITED WARRANTY

Atlona Technologies warrants that (a) its products (the "Product") will perform substantially in accordance with the accompanying written materials for a period of 3 YEARS from the date of receipt and (b) that the Product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to Customer.

2. CUSTOMER REMEDIES

Atlona Technologies and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' option, either return of the price paid for the Product, or repair or replacement of the Product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of Customer's receipt. This Limited Warranty is void if failure of the Product has resulted from accident, abuse, or misapplication. Any replacement Product will be warranted for the remainder of the original warranty period or 3 year, whichever is longer.

3. NO OTHER WARRANTIES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ATLONA TECHNOLOGIES AND ITS SUPPLIERS DISCLAIM ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH REGARD TO THE PRODUCT AND ANY RELATED WRITTEN MATERIALS. THIS LIMITED WARRANTY GIVES CUSTOMER SPECIFIC LEGAL RIGHTS. CUSTOMER MAY HAVE OTHER RIGHTS DEPENDING ON THE JURISDICTION.

4. NO LIABILITY FOR DAMAGES

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